



Serial supply cable for corded IDM-Z2-*

SK-IDM-Z2-J2-5M-S-N

- Cable-Barrier for corded 1-D and 2-D reader and base station
- Enable operation in Zone 2/22
- Serial RS-232/422 Ex ic (via M12 female socket) connection

Cable barrier for corded IDM-Z2-* handheld readers and base station



Function

SK-IDM-Z2-* cable barriers provide intrinsically safe power to IDM-Z2-* 1-D and 2-D handheld readers, as well as IDM-Z2-x6x-B-J2* Bluetooth® base and charging stations. SK-IDM-Z2-* supply modules enable operation of handheld scanners in Zone 2/22.

Technical Data

General specifications

Type Cable barrier

Supply

Power consumption 8 ... 30 V DC

Electrical specifications

Current consumption 0.5 ... 0.2 A

Interface

Interface type field side (Ex e) : RS-232 / RS-422 (adapter included)
Connection side handheld readers and base station : RS-232

Directive conformity

Electromagnetic compatibility

Directive 2014/30/EU EN 61000-6-2:2005 + AC:2005 , EN 61000-6-4:2007 + A1:2011

Ambient conditions

Operating temperature -20 ... 70 °C (-4 ... 158 °F)

Storage temperature -20 ... 70 °C (-4 ... 158 °F)

Relative humidity 95 % non-condensing

Mechanical specifications

Degree of protection IP66

Cable power supply cable: 0.14 mm² (26 AWG), 2 pin
data cable: 0.14 m² (26 AWG), 2 pin

Length L max. 5 m

Mass approx. 250 g

Dimensions 80 mm x 20 mm x 40 mm (W x H x D)

Data for application in connection with hazardous areas

Certificate IBExU19ATEXB016X
IECEX IBE 19.0026X

Marking II 3G Ex mc [ic] IIC/IIB T4 Gc
II 3D Ex mc [ic] IIIC T135°C Dc













Directive conformity

Directive 2014/34/EU EN IEC 60079-0:2018
EN 60079-11:2012
EN 60079-18:2015

General information

Supplementary information Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see www.pepperl-fuchs.com.

Accessories

	CBL-IDMx6x-DB-J1-S-S30-N0	Serial extension cable for IDM-Zx-* handheld barcode readers
	CBL-IDMx6x-DB-J1-S-S60-N0	Serial extension cable for IDM-Zx-* handheld barcode readers
	CBL-IDMx6x-DB-J1-S-C60-N0	Serial extension cable for IDM-Zx-* handheld barcode readers
	CBL-IDMx6x-DB-J1-S-C30-N0	Serial extension cable for IDM-Zx-* handheld barcode readers
	CBL-IDM160-D-J1-U-C38-N0	Connection cable for IDM-Zx-x6x-D-* corded Handheld Readers
	CBL-IDM160-D-J1-U-S18-N0	Connection cable for IDM-Z1-x6x-D-* corded Handheld Readers
	CBL-IDMx60-D-J1-S-C38-N0	Connection cable for IDM-Z1-x6x-D-* corded Handheld Readers
	CBL-IDMx60-D-J1-S-S18-N0	Connection cable for IDM-Zx-x6x-D-* corded Handheld Readers
	CBL-IDMx61-B-J1-S-S18-N0	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	CBL-IDMx61-B-J1-U-C38-N0	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	CBL-IDMx61-B-J1-U-S18-N0	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers
	CBL-IDMx61-B-J1-S-C38-N0	Accessory cable for IDM-Zx-x6x-M-* Bluetooth® handheld readers